

38585 and 39586.

From Jamaica Plain, Mass. Presented by the Arnold Arboretum. Received December 24, 1914.

To be grown as stocks.

39585. CRATAEGUS LAUTA Sargent. Malaceæ. Hawthorn.

"A spiny arborescent shrub, allied to *C. ellwangeriana*, with ovoid fruit, bright orange-red, three-quarters of an inch long. Much planted in Boston parks, but of unknown origin." (*Rehder. In Bailey, Standard Cyclopedia of Horticulture.*)

39586. KALOPANAX RICINIFOLIUS (S. and Z.) Miquel. Araliaceæ.
(*Acanthopanax ricinifolium* Seem.)

See S. P. I. Nos. 20312 and 34783 for previous introductions and description.

39587 and 39588. HOLCUS spp. Poaceæ.

From Algiers, Algeria. Presented by Dr. L. Trabut. Received December 21, 1914. Quoted notes by Dr. Trabut.

39587. HOLCUS HALEPENSIS × SORGHUM.

"Var. *annuum*. Called *Mezera* by the natives. 1914."

39588. HOLCUS HALEPENSIS × SORGHUM.

"Described as a variety cultivated in the same region which hybridizes with *H. halepensis* and gives the *Mezera*, but under cultivation apparently a hybrid between Johnson grass and sorghum."

39589. PHASEOLUS MUNGO L. Fabaceæ.

Urd.

From Manila, P. I. Presented by Mr. William S. Lyon. Received December 19, 1914.

"Seeds of a native Phaseolus. I lay no claim to its virtues as a seed producer; indeed I have it growing side by side with a number of other species, and I find it relatively inferior as such, but as a cover crop I have wholly discarded all of the scores of leguminous plants I have tested in favor of this. I have made distribution of the seeds to a number of abaca planters and they are most enthusiastic over its utility in young hemp plantations. Like myself, they all have come to discredit cowpeas and all velvet beans, *Lyon* included, for the reason that in good soils the growth of the cover crop is so exuberant that except at great outlay for labor any plants under 1 meter tall are smothered out of existence. On the other hand, in old plantations which are fairly well shaded the cowpeas and velvet beans make a spindling and inefficient growth to accomplish the main purpose of choking out a number of objectionable weeds and grasses which, notwithstanding the shade, flourish to the detriment of the abaca. I have more than an acre now in my rose garden and for two seasons have grown this bean to the exclusion of all others. It makes a low, dense, spreading mat about a foot thick and not much disposed to climb; the result is I am able to plant two crops a year among my dwarf rose bushes without choking them, with a marked saving in cultivation and irrigation, as well as a marked improvement in the quantity and quality of the flowers obtained." (*Lyon.*)